Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
		Profe	essional CG	M		
Abbott FreeStyle Libre Pro System	Reader Kit includes: Reader, USB cable, interactive tutorial on USB, and power adapter, user's manual, Quick Start Guide, Quick Reference Guide Sensor Kit includes: one sensor pack, sensor applicator, alcohol wipes and product insert Less equipment need by the patient since sensor is applied during an office visit and data can be blinded to the patient	14 days Continue regular glucose self-testing per HCP's recommen dations. Maintain a daily log of blood glucose readings, diet, exercise and meds Approved for wear on the upper back of the arm	Small and discrete Very thin filament <0.4 mm thick No finger stick calibration Stores up to 14 days of data Data is blinded from the patient No additional components Reader stay in professional's office One reader device for multiple patients-lower	Sensor applied to back of upper arm and activated during office visit Scanned in 14 days at the next visit Severe dehydration may cause inaccurate results	Reader device connects to PC or Mac to download and attach to EMR For FreeStyle Libre Desktop software: Microsoft Windows 7,8,10 or OS X El Capitan. At minimum, a computer with a USB 2.0 compatible hub with a dual-core 1.6GHz processor and 2 GB RAM is required. For LibreView: Windows Vista or higher computers: Microsoft Internet Explorer 10 or higher, Google Chrome release 37.0 or higher, Mozilla Firefox release 32.0 or	12.3%

Diabetes Care and Education

Diabetes Care	
and Education	

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Dexcom G4 Platinum Professional	Receiver Sensor (applicator included) Transmitter Charging cable Dexcom Share 2 App and Dexcom Follow App Any glucose meter	7 day wear 13 mm sensor 45 degree insertion angle Approved for wear on abdomen and upper buttocks	Receiver can be as far as 20 feet away from transmitter Customizable Glucose Alerts (Fixed low glucose alert of 55 mg/dL) Additional customizable alerts Approved for pediatrics Color Screen	Requires calibration every 12 hours Blind option for professional use Transmitter waterproof 3 feet for 30 minutes Approved for ages 2 and older. Transmitter warranty 3 months Receiver warranty 1 year	Dexcom Studio Data Management Software Dexcom Clarity	9%

Diabetes Care and Education

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Medtronic iPro2 Professional CGM	Enlite Sensor Sensor insertion device (Enlite Serter) iPro2 recorder iPro2 Dock (Connects recorder to PC to download data)	6-day wear 8.75 mm sensor 90-degree insertion angle Approved for wear on the abdomen	Requires minimal patient training, as there is no receiver (blind CGM)	Results accessed via the web-based Carelink iPro For professional use Features overlay meal report, allowing focus on mealtimes Looks at data retrospectively. No real- time data available Transmitter waterproof Requires calibration 3-4 times/day and log book Transmitter warranty 1 year	Web-based Carelink iPro	13.6%

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
	I	Personal	Stand-alon	e CGM		
Abbott FreeStyle Libre System	Reader Kit includes: Reader, USB cable, interactive tutorial on USB, and power adapter, user's manual, Quick Start Guide, Quick Reference Guide Sensor Kit includes: one sensor pack, sensor applicator, alcohol wipes and product insert	10-day system:10 days after 12 hour warm up 14-day system:14 days after the 1 hour warm up No calibration Sensor filament is <0.4 mm thick and 5 mm long Transmitter is 35mm in diameter Approved for wear on upper back of the arm	Small, discreet and easy for patients Reader captures data from the sensor when it is with 1.5 inches of the sensor Water resistant Very thin filament - 0.4 mm thick Scan for glucose as often as needed	Approved for age 18+ Not indicated for pregnant women; not evaluated for persons on dialysis 12 hour warm up for 10- day sensor;1 hour warm up for 14-day sensor Reads glucose every minute by scanning over sensor, records glucose every 15 minutes, stores up to 8 hours of data Sensor safe for bathing, showering, or swimming Ascorbic Acid and Salicylic Acid may interfere with sensor readings; not affected by acetaminophen Severe dehydration may cause inaccurate results	FreeStyle Libre Desktop software and LibreView Software No cost For FreeStyle Libre Desktop software:Microsoft Windows 7,8,10 or OS X El Capitan. Computer with USB 2.0 compatible hub & dual-core 1.6GHz processor & 2 GB RAM is required. For LibreView: Windows Vista or higher: Microsoft Internet Explorer 10 or higher, Google Chrome release 37.0 or higher, Mozilla Firefox release 32.0 or higher.	9.7% for 10- day system 9.4% for 14- day system Sensor may inaccurately indicate hypoglycemia – in clinical study, 40% of the time device showed hypoglycemia at or below 60 mg/dL when glucose was in the range of 81– 160 mg/dL

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Diabetes	Care
and Educ	ation

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Dexcom G4 Platinum	Receiver Sensor (applicator included) Transmitter Charging cable Dexcom Share 2 App and Dexcom Follow App Any glucose meter	7 day wear 13mm sensor 45 degree insertion Approved for wear on abdomen and upper buttocks	Receiver can be as far as 20 feet away from transmitter Customizable Glucose Alerts (Fixed low glucose alert of 55 mg/dL) Additional customizable alerts Approved for pediatrics Supplies available at some pharmacies Color Screen	Requires calibration every 12 hours Personal use: Dexcom Share, which allows up to 5 remote followers to view sensor data using the Follow App (note: primary user must use an apple smart device at this time; followers can use android) Transmitter waterproof 3 feet for 30 minutes Approved for ages 2 and older. Transmitter warranty 6 months Receiver warranty 1 year	Dexcom Clarity Compatible with Window and Mac Operating Systems	9%

Diabetes Care and Education

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Dexcom G5 Mobile CGM	Receiver (optional but automatically sent with system) Compatible "Smart" device Sensor (applicator included) Transmitter Dexcom G5 Mobile App Dexcom Follow App Any glucose meter	7 day wear 13 mm sensor 45-degree insertion angle Can wear while bathing or swimming Approved for wear on abdomen and upper buttocks	Smart device/ receiver can be as far as 20 feet away from transmitter Do not need receiver Customizable Glucose Alerts (Fixed low alert of 55 mg/dL) Make treatment decisions on sensor glucose Approved for pediatrics Dexcom Share Supplies available at some pharmacies	Dexcom Share is built in to this system, allowing up to 5 remote followers to view sensor data using the Dexcom Follow App (Note: primary user must use an apple smart device at this time; followers can use android) Approved for ages 2 and older Transmitter waterproof 3 feet for 30 minutes Transmitter warranty 3 months (hard shut-off) Receiver warranty 1 year	Dexcom Clarity	9%

Diabetes Care and Education

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Dexcom G6 CGM System	Receiver (optional but automatically sent with system) Compatible "Smart" device Sensor (applicator included) Transmitter Dexcom G6 Mobile App Dexcom Follow App	10 days 45-degree insertion angle Can wear while bathing or swimming Approved for wear on abdomen and upper buttocks	No calibrations necessary Sensor auto- applicator Do not need receiver Customizable Glucose Alerts (Fixed low glucose alert of 55 mg/dL) Make treatment decisions without checking blood glucose	Sensor and Transmitter are water-resistant and may be submerged under eight feet of water for up to 24 hours without failure when properly installed G6 readings can be used to make diabetes treatment decisions when taking up to a maximum acetaminophen dose of 1,000mg every 6 hours. Taking a higher dose may affect the G6 readings Dexcom Share is built in to this system, allowing up to 5 remote followers to view sensor data using the Dexcom Follow App Approved for ages 2 and older	Dexcom Clarity	9%

Diabetes Care and Education

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
<section-header></section-header>	Medtronic Guardian 3 Sensor + Serter Transmitter (Bluetooth) iPhone	7 days	Alerts patients from 10-60 minutes before a glucose excursion occurs	Sensor indicated for abdomen or back of upper arm Reads glucose every 5 minutes Requires calibration at least 2 times/day Indicated for ages 14- 75 years Acetaminophen may falsely raise sensor glucose readings Safe for swimming in up to 8 feet of water for up to 30 minutes	Sugar.IQ App (analyzes glucose levels in response to insulin, food, and other factors; provides personalized insights for decision-making) Carelink	10.55% with calibration every 12 hours 9.64% with calibration 3- 4 times/day

Diabetes Care and Education

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Senseonics Eversense CGM System	Sensor (implanted subcutaneously by provider every 90 days) Transmitter and silicone-based adhesive SmartPhone/Watch	90 days	No need to change sensor every week Transmitter is waterproof, rechargeable, can be removed and replaced without affecting sensor Receiver is SmartPhone	Works through patented fluorescent, glucose indicating polymer technology to measure glucose in the interstitial fluid Threshold and predictive alerts detect 95% of hypoglycemic episodes (70 mg/dL) and 99% of hyperglycemic episodes (180 mg/dL) within a 15-minute window Provides visual, audible, and on-body vibe alerts for impending low or high glucose	Eversense Mobile App	8.5%

Company / Equipment Sensor **Strengths Important Details** Downloading Accuracy Continuous Needed and Warranties System Wear (MARD) **Glucose Monitor** *the lower the Mean Absolute Difference (MARD), the more accurate Insulin pumps with integrated CGM CGM Insulin pump 6-day wear Approved for ages 16+ **Carelink Personal** 13.6% (3-4 Medtronic integration software for data calibrations Enlite sensor 8.75 mm with insulin Threshold suspend management for MiniMed per day) and sensor patients. 14.7% (two pump feature automatically 530G with calibrations Transmitter stops insulin delivery for 90 degree Customizable Carelink up to 2 hours when per day) Enlite Glucose Alerts Sensor insertion device insertion sensor glucose reaches Professional (Enlite Serter) software used for angle preset low value and no Threshold healthcare response to alarms Suspend providers. Tape Approved for wear on feature Compatible with MiniMed Connect sends USB cable (or Contour the windows and Mac pump and sensor Next link meter for abdomen Sensor and Operating information to an app download) transmitter Systems on patient's iPhone® or must be within iPod touch®/text to Transmitter charger 6 feet of the 3/unlimited viewers pump Contour Next Link May manually enter BG meter wirelessly reading or communicate communicates with the wirelessly with Contour system, so no manual Next Link meter entry is needed for calibration or insulin Waterproof transmitter dosing. Enter glucose reading from any meter 1 Year Transmitter warranty 4 year pump warranty

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Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Medtronic MiniMed 630G System with Enlite	Enlite-serter Enlite Sensor Enlite Transmitter Contour Next Link 2.4 meter MiniMed 630G insulin pump	6-day wear 8.75 mm sensor 90-degree insertion angle Approved for wear on the abdomen	Predictive alerts Smart-guard technology to pause insulin delivery if a low sensor glucose threshold is met without a response	Approved for use in ages 16+ May manually enter BG reading or communicate wirelessly with Contour Next Link 2.4 meter to calibrate Transmitter 1 year warranty Waterproof transmitter	CareLink Software	13.6% (3-4 calibrations per day) and 14.7% (two calibrations per day)

Diabetes Care and Education

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Medtronic MiniMed 670G System (a partial artificial pancreas)	One-press Serter Guardian 3-CGM Sensor Guardian Link 3 Transmitter Contour Next Link 2.4 meter MiniMed 670G insulin pump	7 days continuous 45 degree insertion angle Approved for wear on the abdomen and upper back of arm	Suspend before low option avoids lows and rebound highs- automatically restarts insulin once glucose levels recover Auto Mode- adjusts basal insulin every 5 minutes based on sensor glucose Tighter control, fewer lows, and excellent night time control No severe hypoglycemia or DKA	Approved for ages 14+ and older Guardian Link 3 Transmitters- 1 year warranty Contour Next Link 2.4 meter - 90 day warranty MiniMed 670G insulin pump - 4 year warranty	CareLink Software Two urgent notices for the CareLink Personal software: (1) Mozilla® announced that it will drop Firefox® support for Java in March 2017. CareLink Personal uses Java plugins to upload data from your Medtronic supported medical device, such as the insulin pumps. (2) CareLink Personal now supports macOS Sierra. Please contact Customer Support if you have questions.	9.64% and 8.7% for wear on back of arm

Diabetes Care and Education

Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Tandem tislimX2 with Dexcom G5Image: tislim	Tandem t:slimX2 insulin pump Separate Dexcom receiver (optional) Dexcom sensor (comes with built-in applicator) Dexcom transmitter Charging cable for pump and receiver (receiver does not automatically come with system) Any glucose meter USB cable T:slim USB Memory Card	 7-day wear 13 mm sensor 45-degree insertion angle Approved for wear on abdomen and upper buttocks 	CGM integration with insulin pump Customizable Glucose Alerts See Dexcom G5 Mobile for further sensor details Allows wearer to make treatment decisions without checking blood glucose	Sensor integration with insulin pump Approved for ages 6+ Transmitter waterproof 3 feet for 30 minutes Transmitter warranty 3 months (with hard shut off) Uses Dexcom G5 technology Separate receiver warranty 1 year if purchased additionally Pump warranty 4 years	T:connect diabetes management application for pump and CGM data (and compatible meters) download. Compatible with Windows and Mac Operating Systems Dexcom Clarity for receiver, only if using	13.2%

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Company / Continuous Glucose Monitor	Equipment Needed	Sensor Wear	Strengths	Important Details and Warranties	Downloading System	Accuracy (MARD) *the lower the Mean Absolute Difference (MARD), the more accurate
Tandem t:slimX2 Basal IQ with Dexcom G6	Tandem t:slimX2 insulin pump Charging cable for pump Dexcom sensor (comes with auto- applicator) Dexcom transmitter Smart-device for sensor data viewing (optional) Any glucose meter	10 days	No calibrations Dexcom G6 sensor Basal IQ technology predicts glucose in the next 30 minutes, suspends insulin if glucose is expected to go below 80 mg/dL and resumes insulin when glucose has risen Insulin suspends if CGM reading is below 70 mg/dL	Sensor integration with insulin pump Uses Dexcom G6 technology Insulin can be turned on and off as often as every 5 minutes Able to suspend insulin for up to 2 hours within a 2 ½ hour rolling window. Approved for ages 6+ Transmitter waterproof 3 feet for 30 minutes Transmitter warranty 3 months (with hard shut off)	T:connect T:connect HCP Portal Dexcom Clarity	9%